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202-404-1551

Date: January 4, 2005

To: U.S. Patent and Trademark Office, MAIL STOP: AMENDMENT
Fax: (703) 872-9306

Re: 09/430,132
Snail et al.
Filing Date: October 9, 1987
Attorney Docket No. 70,840

Please find enclosed:

Information Disclosure Statement
PTO/SB/08 (1 page) and copy of each document listed on the PTO/SB/08
Authorization to charge deposit account 50-0281

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Patent
Attorney's Docket No. 70,840

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
)	
Snail et al.)	Group Art Unit: 2874
)	
Application No.: 09/430,132)	Examiner: Stafira, M.
)	
Filed: October 9, 1987)	Confirmation No.: 6820
)	
For: INFRARED INTEGRATING SPHERE)	

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
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Sir:

Kindly find enclosed copies of documents for the Examiner's review in the above-captioned application. The documents are listed on a PTO/SB/08 for the Examiner's convenience.

This submission is made after a first Office Action on the merits and before a final Office Action. Kindly charge the fee due under 37 C.F.R. § 1.97(c) to Deposit Account No. 50-0281. Kindly charge any other fee that may be due, or credit overpayments, to Deposit Account 50-0281. This paper is submitted in duplicate.

This submission is not to be construed as an admission that a search has been made, or that the documents listed are relevant to the above-captioned application.

Should there be any questions regarding this submission, kindly contact the undersigned at the number listed below.

Respectfully submitted,

Date: Jan 4, 2005

By: Sally A. Ferrett

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JAN 04 2005

PTO/SB/088 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO		<i>Complete if Known</i>		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	09/430,132	
		Filing Date	October 9, 1987	
		First Named Inventor	Snail	
		Art Unit	2874	
		Examiner Name	Stafira	
Sheet	of	Attorney Docket Number	70,840	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
		SNAIL, K., "Reflectometer design using nonimaging optics", Appl. Optics, 15 Dec 1987, Vol. 26, No. 24, p 5326-332.		
		GINDELE, K., KOHL, M., MAST, M. "Spectral reflectance measurements using an integrating sphere in the infrared", Appl. Optics, 15 June 1985, Vol. 24, No. 12., p 1757-1760.		
		HANSSEN, L., "Integrating-sphere system and method for absolute measurement of transmittance, reflectance...", Appl. Optics, 2001, Vol. 40, No 19, p 3196-3204.		
		CHENAULT, D.B., SNAIL, K.A., HANSSEN, L.M., "Improved integrating-sphere throughput with a lens and nonimaging concentrator", Appl. Optics, 1995, Vol. 34, No. 34, p 7959-1964.		
		SNAIL, K.A., HANSSEN, L.M., "Integrating sphere designs with isotropic throughput", Appl. Optics, 1989, Vol. 28, No. 10, p 1793 - 1799.		
		EDWARDS, D.K., GIER, J.T., NELSON, K.E., RODDICK, R.D., "Integrating sphere for imperfectly diffuse samples", Applied Optics, Vol. 51, 1960, p 1279 - 1288.		
		Committee on Colorimetry, "Physical Concepts: Radiant Energy and its Measurement", J. Opt. Society of America, Vol. 34, No. 4, April 1944, p 183 - 218.		
		SNAIL, K, CARR, K., "Optical Design of an integrating sphere- FTS emissometer", Viewgraphs SPIE Conference on Infrared, Adaptive, Synthetic Optical Sys, 1986, 17 pages.		
		SNAIL, K, CARR, K., "Optical Design of an integrating sphere-Fourier transform spectrophotometry FTS emissometer", SPIE Proc. Infr., Adap., Syn. Opt Sys, 1986, V 634, p 75-83.		

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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